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INFORMATION DISCLOSURE STATEMENT

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(Use several sheets if necessary)

Docket No. 1010/0100US3

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1	4,797,421	1/1989	Ariga et al.	514	844	9/22/87
	2	4,698,360	10/1987	Masquelier	514	456	4/9/85
	3	5,925,355	7/1999	Chatterjee et al.	424	765	7/28/94

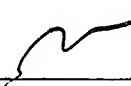
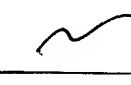
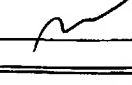
FOREIGN PATENT DOCUMENTS

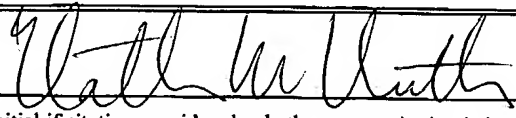
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
	4	0 096 007 B1	7/1987	EP	Yes
	5	4-190774	7/1992	JP	Yes
	6	5292885 A	9/1993	JP	Yes Abstract

OTHER DOCUMENTS

EXAMINER INITIAL		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	7	Cheng, Juei-Tang, et al., <i>Antihypertensive Principles from the Leaves of Melastoma Candidum</i> , <u>Planta Med.</u> 59:405-407 (1993)
	8	Chang, Wen-Chang, et al., <i>Inhibition of Platelet Aggregation and Arachidonate Metabolism in Platelets by Procyanidins, Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 38, 181-188 (1989)
	9	Roddewig, Von c., et al., <i>Reaktion der lokalen Myokarddurchblutung von wachen Hunden und narkotisierten Katzen auf orale und parenterale Applikation einer Crataegusfraktion (oligomere Procyanidine)</i> , <u>Arzneim.-Forsch./Drug Res.</u> 27 (II), No. 7, 1407-1410 (1977) – with English summary translation (with translation)
	10	Meunier, Marie-Therese, et al., <i>Inhibition of Angiotensin I Converting Enzyme by Flavanolic Compounds: In Vitro and In Vivo Studies</i> , <u>Planta Medica</u> 53:1, 1-120 (1987)
	11	Okuda, Takuo, et al., <i>Pharmacologically Active Tannins Isolated from Medicinal Plants</i> , <u>Plant Polyphenols</u> , Plenum Press, New York (1992)
	12	Inokuchi, Jin-ichi, et al., <i>Antihypertensive Substance in Seeds of Areca Catechu L.</i> , <u>Life Sciences</u> , Vol. 38, 1375-1382 (1986)
	13	Gali, H.U., et al., <i>Comparison of the Inhibitory Effects of Monomeric, Dimeric, and Trimeric Procyanidins on the Biochemical Markers of Skin Tumor Promotion in Mouse Epidermis in vivo</i> , <u>Planta Med.</u> 60, 235-239 (1994)
	14	Kashiwada, Yoshiki, <i>Antitumor Agents, 129. Tannins and Related Compounds as Selective Cytotoxic Agents</i> , <u>Journal of Natural Products</u> 55:8, 1033-1043 (1992)
	15	Rohrbach, Michael S., et al., <i>Structural Determinants of the Platelet Agonist Activity of Cotton Bract Condensed Tannin</i> , <u>Environmental Research</u> 52, 199-209 (1990)

~	16	Vennat, Brigitte, et al., <i>Procyanidins from the Roots of Fragaria vesca: Characterization and Pharmacological Approach</i> , <u>Chem. Pharm. Bull.</u> 36:828-833 (1988)
~	17	Zafirov, D., et al., <i>Antiexudative and Capillaritonic Effects of Procyanidines Isolated from Grape Seeds (V. Vinifera)</i> , <u>Acta Physiologica et Pharmacologica Bulgarica</u> Vol. 16 No. 3 pp. 50-54 (1990)
~	18	Fitzpatrick, David et al., <i>Endothelium-dependent Vasorelaxing Activity of Wine and Other Grape Products</i> , <u>Am. J. Physiol.</u> 265 (Heart Circ. Physiol. 34) H774-H778 (1993)
~	19	Khushbaktova, Z.A., et al., <i>Study of Hypolipidemic Properties of Polymeric Proanthocyanidins from Plants Used in Folk Medicine, Medicinal Plants</i> (UDC615.322:615.272.4.012.1) (1987)(with translation)
~	20	Wegrowski, J. et al., <i>The Effect of Procyanidolic Oligomers on the Composition of Normal and hypercholesterolemic Rabbit Aortas</i> , <u>Biochem. Pharmacol.</u> Vol. 33 No. 21 pp. 3491-3497 (1984)
~	21	Gabor, M. and Razga, Z., <i>Effect of Benzopyrone Derivatives on Simultaneously Induced Croton Oil Ear Oedema and Carrageenin Paw Oedema in Rats</i> , <u>Acta Physiologica Hungarica</u> Vol. 77 (3-4) pp. 197-207 (1991)
~	22	Villar, A., et al., <i>A Hypotensive Procyanidin-Glycoside from Rhamnus Lycioides ssp. Lycioides</i> , <u>Journal of Ethnopharmacology</u> Vol. 30 pp. 205-214 (1986)
~	23	Ariga, Toshiaki and Yuasa, Katsumi, <i>Antioxidative Properties of Oligomeric Proanthocyanidins and Their Applications</i> , <u>Fragrance Journal, Special Edition/Functions and Applications in Recent Food Materials</u> (1994) (with translation)
~	24	Rong, Yongqi, et al., <i>Pycnogenol Protects Vascular Endothelial Cells from T-butyl Hydroperoxide Induced Oxidant Injury</i> , <u>Biotechnol Ther</u> Vol. 5 Nos. 3-4 pp. 117-126 (1994-95)
~	25	Sanz, M.J., et al., <i>Isolation and Hypotensive Activity of a Polymeric Procyanidin Fraction from Pistacia Lentiscus L.</i> , <u>Pharmazie</u> Vol. 47 pp. 466-467 (1992)
~	26	Sanz, M.J., et al., <i>Pharmacological Actions of a New Procyanidin Polymer from Pistacia Lentiscus L.</i> , <u>Pharmazie</u> 48, 152-153 (1993)
~	27	Blazso, G., et al., <i>Oedema-Inhibiting Effect of Procyanidin</i> , <u>Acta Physiologica Academiae Scientiarum Hungaricae</u> 56(2), 235-240 (1980)
~	28	Miyamoto, Kenichi et al., <i>Relationship Between the Structures and the Antitumor Activities of Tannins</i> , <u>Chem Pharm Bull</u> Vol. 35 pp. 814-822 (1987)
~	29	Negre-Salvayre, Anne et al., <i>Ultraviolet-treated Lipoproteins as a Model System for the Study of the Biological Effects of Lipid Peroxides on Cultured Cells. III. The Protective Effect of Antioxidants (Probucol, Catechin, Vitamin E) Against the Cytotoxicity of Oxidized LDL Occurs in Two Different Ways</i> , <u>Biochimica et Biophysica Acta</u> , 1096:291-300 (1991)
~	30	Ho, Chi-Tang et al., <i>Antioxidative Effect of Polyphenol Extract Prepared from Various Chinese Teas</i> , <u>Preventive Medicine</u> Vol. 21 pp. 520-525 (1992)
~	31	W.C. Chang et al., <i>Inhibition of Platelet Activation and Endothelial Cell Injury by Polyphenolic Compounds Isolated from Lonicera Japonica Thunb</i> , <u>Prostaglandins Leukotrienes and Essential Fatty Acids</u> (1991)
~	32	Ratty, A.K. et al., <i>Interaction of Flavonoids with 1,1-Diphenyl-2-Picrylhydrazyl Free Radical, Liposomal Membranes and Soybean Lipoxygenase-1</i> , <u>Biochemical Pharmacology</u> Vol. 37 No. 6 pp. 989-995 (1988)
~	33	Koch, H.P., et al., <i>Influence of Silymarin and Some Flavonoids on Lipid Peroxidation in Human Platelets</i> , <u>Meth and Find Exptl Clni Pharmacol</u> 7(1):13-18 (1985)
~	34	Xie, Bijun, et al., <i>Antioxidant Properties of Fractions and Polyphenol Constituents from Green, Oolong and Black Teas</i> , <u>Proc Natl Sci Conc Rebut China - Part B</u> Vol. 17 No. 2 pp. 77-84 (1993)
~	35	Janero, Dvid R., et al., <i>Influence of Cardioprotective Cyclooxygenase and Lipoxygenase Inhibitors on Peroxidative Injury to Myocardial-Membrane Phospholipid</i> , <u>Biochemical Pharmacology</u> , Vol. 38, No. 24, 4381-4387 (1989)

	36	Bamforth, Kathleen J., et al., <i>Common Food Additives are Potent Inhibitors of Human Liver 17α-Ethinylloestradiol and Dopamine Sulphotransferases</i> , <u>Biochemical Pharmacology</u> , Vol. 46, No. 10, 1718-1720 (1993)
	37	Nakadate, Teruo, et al., <i>Effects of Flavonoids and Antioxidants on 12-O-Tetradecanoyl-Phorbol-13-Acetate-Caused Epidermal Ornithine Decarboxylase Induction and Tumor Promotion in Relation to Lipoygenase Inhibition by These Compounds</i> , <u>Gann</u> , 75, 214-222 (1984)
	38	Brattig, N. W. et al., <i>Immunoenhancing Effect of Flavonoid Compounds on Lymphocyte Proliferation and Immunoglobulin Synthesis</i> , <u>J. Immunopharmac</u> Vol. 6 No. 3 pp. 205-215 (1984)

EXAMINER		DATE CONSIDERED	11-04
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

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